

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,185 MW
Hydro	1,616 MW
Distillate	0 MW
Total TNB	7,871 MW
Total IPP	10,805 MW
Total Co-Gen	0 MW
Total System	18,958 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,203	15.17 %
Gas	55,711	17.53 %
Hydro	6,374	2.01 %
Total TNB	110,288	34.71 %
ST-Coal	105,120	33.08 %
Gas	100,540	31.64 %
Total IPP	205,660	64.72 %
Co-Gen	1,355	0.43 %
Total Co-Gen	1,355	0.43 %
Total Generation	317,303	99.85 %
PLTG	-464	-0.15 %
Interconnection	-464	-0.15 %
Net Energy	317,767	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	15,930 MW
TNB Generation	5,178 MW
IPP Generation	9,602 MW
Spinning Reserve	1,104 MW
Maximum Demand	14,866 MW
Net Energy	317,767 MWH
Load Factor	89.06 %

Fuel Cost

Total Cost:	47,876,025.78 RM
Cost per Unit	15.40 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	298
Hydro	155
Syncon	551
Thermal	31
Total	1,035

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	25

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	12821	12156	11761	11484	11252	11211	11236	11313	11654	13320	13960	14655	14610	14115	14272	14771	14805	14607	13705	13605	14377	14255	13852	13484

Gas Usage

Station	(mmscfd)
CBPS	10
GLGR	32
PAKA	93
PGPS	41
SRDG	19
TJGS	220
Total TNB	415
KLPP	100
MPSS	51
PDPS	11
PGLA	109
PKLG	6
PLPS	99
PTEK	10
SGRI	190
SKSP	39
YPGS	71
YPKA	99
Total IPP	787
Total Gas	1,202
Total Gas Required	1,202

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Friday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	29	41	27	29	31	33	35	33	31	31	32	37	34	34	34	36	37	28	35	35	34	37	36	35
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPLA	HY02	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Hydro		153	330	147	152	159	165	180	164	158	156	162	188	168	194	167	172	210	151	170	174	232	183	285	516
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	11	10	10	11	11	15	31	36	37	33	32	32	33	33	33	32	32	33	33	32	32	33	32	16
PCUF	CUFK	15	37	39	39	38	39	38	37	38	39	37	38	39	39	38	39	37	36	36	35	32	34	33	33
Total Co-Gen		26	47	49	50	49	54	69	74	74	71	71	69	71	72	70	72	70	69	68	67	65	66	49	46
Total Gen		12709	12597	12090	11957	11756	11669	11529	11417	11383	11074	11119	11132	11242	11485	11298	11286	11647	12701	13302	13692	13957	14384	14648	14743
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-PLTG		-112	-145	-66	-44	-5	46	45	-12	-69	11	-92	-26	6	-14	-15	-13	-7	74	-18	-55	-3	-44	-7	-43
Interconnection		-112	-145	-66	-44	-5	46	45	-12	-69	11	-92	-26	6	-14	-15	-13	-7	74	-18	-55	-3	-44	-7	-43
System Total		12821	12742	12156	12001	11761	11623	11484	11429	11252	11063	11211	11158	11236	11499	11313	11299	11654	12627	13320	13747	13960	14428	14655	14786
SRev ST-Coal		23	13	41	46	58	48	35	44	32	51	26	200	446	455	444	536	536	64	12	35	24	36	38	45
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		602	202	500	634	829	937	1120	1212	1452	1537	1523	1360	895	685	649	855	1124	1071	941	531	565	153	128	189
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		50	29	27	26	27	22	7	2	2	5	5	7	5	4	5	6	4	6	7	8	9	11	10	27
Syncon		876	574	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725
Hydro		169	144	176	171	164	158	143	159	165	167	161	135	155	280	156	151	113	172	153	149	149	242	113	337
S.Reservc Total		1720	962	1469	1602	1803	1890	2030	2142	2376	2485	2440	2427	2226	1998	2179	2273	2502	2038	1838	1448	1312	1094	1045	1125